

Power View Enhanced PDU

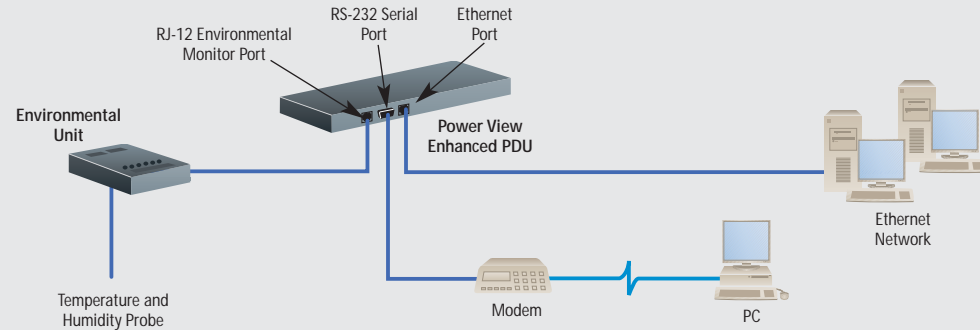


Control power to up to eight
remote devices.

FEATURES

- Remotely controls and monitors power.
- Accessible through your network or across the Internet.
- Switches outlets on, off, or reboots.
- Switches outlets individually or as a group.
- Monitors the amperage draw over the entire circuit.
- Optional Environmental Monitor tracks temperature, humidity, or other environmental factors.

The Power View Enhanced PDU is manageable through the network or the RS-232 serial port.



OVERVIEW

The Power View Enhanced Power Distribution Unit (PDU) combines intelligent power distribution, remote management, power monitoring, and environmental monitoring in one compact rackmountable solution.

The Power View enables you to remotely control the power to up to eight devices, monitor the amperage draw over the entire circuit, and monitor environmental conditions within the cabinet with the separate Environmental Monitor.

Remote access

The Power View Enhanced PDU has two interfaces: HTML and Telnet. The unit supports up to 128 defined user accounts, and up to 17 users can access the unit simultaneously.

Access the HTML interface using your Web browser across your local Ethernet network or even across the Internet. The HTML interface features easy-to-use menus for access to the unit's status and configuration.

Or, you can monitor and control the Power View through the serial port using a traditional Telnet command-line interface.

Convenient remote rebooting

The Power View Enhanced Power Distribution Unit (PDU) enables you to power on, power off, or reboot all your rackmount devices from a Web browser anywhere on your network or even on the Internet.

To reboot multiple devices or devices with redundant power supplies, the Power View enables you to group outlets in one or more named groups. Then you can apply changes to all outlets in a group with one command.

High capacity

The Power View Enhanced PDU supports 20 amps rather than the standard 15 amps found on most PDUs. To make the most of this capacity, when you put power to the Power View, it powers each outlet sequentially with a two-second delay between outlets. This power sequencing staggers individual loads, eliminating sudden power surges that can trip circuit breakers.

The Power View Enhanced PDU measures and reports the power load over the entire circuit in amperes. This enables you to maximize the amount of equipment on a circuit without worrying about overloading it.

Environmental Monitor

The optional Environmental Monitor enables you to remotely monitor conditions within the cabinet. The monitor does not require an external power source, additional software, or its own IP address. All you need to do to install it is to mount it to the Power View using the included flanges and screws, connect it to the Power View using the included cables, and connect the probe.

Although the Environmental Monitor is primarily intended to monitor cabinet temperature and humidity (probe included), it can be used with other contact-closure sensors to monitor a variety of environmental conditions. For instance, the Water Sensor Probe detects water, so you can tell that your sprinkler system has gone off.

If you have a monitoring need requiring a specific sensor, Contact Tech Support for more information.



PS570A

Security features

The Power View Enhanced PDU comes with one predefined administrative user account. Create up to 128 accounts, each with individualized access to outlets and commands. All accounts support username and password protection. There are four defined user privilege levels: Administrator, User, On-Only, and View-Only. An automatic timeout terminates user sessions after five minutes of inactivity.

Rugged chassis

The rugged steel enclosure rackmounts horizontally in any standard 19" rack and takes up only 1U of rack space. A retention bracket provides support for the input power plug, relieving stress on the power cord.

TECH SPECS

AC Voltage — Input and Output: 100–127 volts
Approvals — cCSAus, TUV-GS; cCSAus UL® 1959, CAN/CSA 22.2 No. 950-95, TUV-GS-EN60950: 2000
Current (Maximum) — 20 amps
Elevation — Operating: 0 to 10,000 ft. (0 to 3048 m); Storage: 0 to 50,000 ft. (0 to 15,240 m)
Frequency — 60 Hz
Output Receptacles — (8) NEMA 5-20
Plug Type — NEMA L5-20P
Connectors — Ethernet: (1) RJ-45; Serial: (1) RJ-45; Environmental unit: (1) RJ-12
Indicators — LEDs: (1) LNK/ACT, (8) Power
Temperature — Operating: 32 to 122°F (0 to 50°C); Storage: -40 to +185°F (-40 to +85°C)
Humidity — 10 to 90% noncondensing
Power — 100–120V, 50/60 Hz
Size — 1.75"H (1U) x 17"W x 7"D (4.4 x 43.2 x 17.8 cm)
Weight — 8.2 lb. (3.7 kg)

Item	Code
Power View Enhanced PDU	PS570A
Environmental Monitor for Power View (Includes [1] Temperature and Humidity Probe)	PS572
Temperature and Humidity Probe for Power View	PS573
Water Sensor Probe for Power View	PS574

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

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